April 3, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Andreas M. Zeiher, Christopher Heeschen, Stefanie Dimmeler

Docket No.

BB-164

For

In Vitro Method for the Diagnosis of Cardiovascular Functionality

of Bone Marrow Precursor Cells (BMP) and/or Circulation

Precursor Cells Derived From Blood (BDP)

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

This application is a National Stage Application of International Application Number PCT/EP2004/011503. Please amend the above-identified patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 3 of this paper.

Remarks follow the amendment sections of this paper.